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OM protein - protein search, using sw model

Run on: February 11, 2002, 08:54:43 ; Search time 12.61 Seconds
(without alignments)
260.546 Million cell updates/sec

Title: US-09-385-114-2

Perfect score: 787

Sequence: 1 PALPEDGGGAGFPFGHKDP.....GPKTGPQGKAILFLPMSAKS 146

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 212252 seqs, 22503292 residues

Total number of hits satisfying chosen parameters: 212252

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued_Patents_AA.*

- 1: /cgn2.6/ptodata/2/1aa/5A_COMB.pep.*
- 2: /cgn2.6/ptodata/2/1aa/5B_COMB.pep.*
- 3: /cgn2.6/ptodata/2/1aa/6A_COMB.pep.*
- 4: /cgn2.6/ptodata/2/1aa/6B_COMB.pep.*
- 5: /cgn2.6/ptodata/2/1aa/PCTUS_COMB.pep.*
- 6: /cgn2.6/ptodata/2/1aa/backfiles1.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	787	100.0	155	5	PCT-US91-02186-4
2	787	100.0	155	6	5514566-6
3	776	98.6	146	2	US-08-231-894A-11
4	776	98.6	153	3	US-08-325-186-2
5	776	98.6	154	2	US-08-438-439C-24
6	776	98.6	154	3	US-08-325-186-1
7	776	98.6	154	5	PCT-US91-02186-6
8	776	98.6	155	1	US-07-959-369-6
9	776	98.6	155	1	US-08-023-757-2
10	776	98.6	155	1	US-07-842-177A-1
11	776	98.6	155	1	US-08-177-502-2
12	776	98.6	155	1	US-08-439-725A-10
13	776	98.6	155	1	US-08-325-632-1
14	776	98.6	155	1	US-08-462-169B-10
15	776	98.6	155	2	US-08-867-471-10
16	776	98.6	155	2	US-08-438-439C-14
17	776	98.6	155	2	US-08-951-822-28
18	776	98.6	155	3	US-09-103-079-10
19	776	98.6	155	3	US-08-705-245-6
20	776	98.6	155	3	US-08-897-924A-25
21	776	98.6	155	3	US-08-718-904-11
22	776	98.6	155	3	US-09-023-082A-17
23	776	98.6	155	3	US-09-030-613-3
24	776	98.6	155	4	US-09-098-628-2
25	776	98.6	155	4	US-09-451-905-3
26	776	98.6	155	5	PCT-US91-02186-2
27	776	98.6	155	6	5514566-8

28	776	98.6	158	2	US-08-599-895-3	Sequence 3, Appli
29	776	98.6	158	3	US-09-211-290-3	Sequence 3, Appli
30	776	98.6	158	3	US-09-322-676-3	Sequence 3, Appli
31	776	98.6	158	4	US-09-220-077C-2	Sequence 2, Appli
32	776	98.6	158	4	US-09-466-036A-3	Sequence 3, Appli
33	776	98.6	210	1	US-08-464-590A-14	Sequence 14, Appl
34	776	98.6	210	3	US-08-207-412B-9	Sequence 9, Appli
35	776	98.6	210	3	US-09-093-585-14	Sequence 14, Appl
36	776	98.6	235	1	US-08-078-683A-39	Sequence 8, Appli
37	776	98.6	432	1	US-07-959-369-8	Sequence 8, Appli
38	776	98.6	432	2	US-08-836-854-20	Sequence 20, Appl
39	773	98.2	155	1	US-07-959-369-7	Sequence 7, Appli
40	773	98.2	432	1	US-07-959-369-9	Sequence 9, Appli
41	770.5	97.9	145	1	US-08-187-780-3	Sequence 3, Appli
42	770.5	97.9	145	2	US-08-478-485-3	Sequence 3, Appli
43	770	97.8	146	6	5464943-6	Patent No. 5464943
44	770	97.8	146	6	5464943-8	Patent No. 5464943
45	767	97.5	146	6	5464943-26	Patent No. 5464943

ALIGNMENTS

RESULT 1
PCT-US91-02186-4
; Sequence 4, Application PC/TUS9102186
; GENERAL INFORMATION:
; APPLICANT: California Biotechnology Inc.
; APPLICANT: Inventors: Thompson, Stewart A.
; APPLICANT: Abraham, Judith A.
; TITLE OF INVENTION: High Level Expression of Basic
; TITLE OF INVENTION: Fibroblast Growth Factor Having a Homogeneous
; TITLE OF INVENTION: N-terminus
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Irell & Manella
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025-3471
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02186
; FILING DATE: 19910702
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 1900-0275.41
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 415-327-7250
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US91-02186-4

Query Match 100.0%; Score 787; DB 5; Length 155;
Best Local Similarity 100.0%; Pred. No. 1.3e-83;
Matches 146; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PALPEDGGGAGFPFGHKDPKRLKCKNGGFFLRIHPDGRVDGVREKSDPHIKLQAEER 60
Db 10 PALPEDGGGAGFPFGHKDPKRLKCKNGGFFLRIHPDGRVDGVREKSDPHIKLQAEER 69

QY 61 GVSIGKVCANRYLAMKEDGRLASKCVTDCFFERLESNNNTYRSRYSSWYVALKR 120
Db 70 GVSIGKVCANRYLAMKEDGRLASKCVTDCFFERLESNNNTYRSRYSSWYVALKR 129
QY 121 TGQYKLGPKTGPQKAILFLPMSAKS 146
Db 130 TGQYKLGPKTGPQKAILFLPMSAKS 155

RESULT 2

5514566-6
; Patent No. 5514566
; APPLICANT: FIDDES, JOHN C.; ABRAHAM, JUDITH A.
; TITLE OF INVENTION: METHODS OF PRODUCING RECOMBINANT
; FTBROBLASTS GROWTH FACTORS
; NUMBER OF SEQUENCES: 21
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/417,022
; FILING DATE: 05-APR-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 809,163
; FILING DATE: 16-DEC-1985
; APPLICATION NUMBER: 775,521
; FILING DATE: 12-SEP-1985
; SEQ ID NO:6:
; LENGTH: 155
5514566-6

Query Match 100.0%; Score 787; DB 6; Length 155;
Best Local Similarity 100.0%; Pred. No. 1.3e-83;
Matches 146; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 PALPEDGGSGAPPFGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE 60
Db 10 PALPEDGGSGAPPFGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE 69
QY 61 GVSIGKVCANRYLAMKEDGRLASKCVTDCFFERLESNNNTYRSRYSSWYVALKR 120
Db 70 GVSIGKVCANRYLAMKEDGRLASKCVTDCFFERLESNNNTYRSRYSSWYVALKR 129
QY 121 TGQYKLGPKTGPQKAILFLPMSAKS 146
Db 130 TGQYKLGPKTGPQKAILFLPMSAKS 155

RESULT 3

US-08-231-894A-11
; Sequence 11, Application US/08231894A
; Patent No. 5851990
; GENERAL INFORMATION:
; APPLICANT: FUJISHIMA, AKIRA
; APPLICANT: FUKUDA, TSUNEHIKO
; TITLE OF INVENTION: BGFG MUTEIN AND ITS PRODUCTION
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: DAVID G. CONLIN; DIKE, BRONSTEIN, ROBERTS
; ADDRESSEE: & CUSHMAN
; STREET: 130 WATER STREET
; CITY: BOSTON
; STATE: MASSACHUSETTS
; COUNTRY: US
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/231,894A
; FILING DATE: 22-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 07/873907
; FILING DATE: 24-APR-1992
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 097655-1991
; FILING DATE: 26-APR-1991
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: JP 066381-1992
; FILING DATE: 24-MAR-1992
; ATTORNEY/AGENT INFORMATION:
; NAME: RESNICK, DAVID S.
; REGISTRATION NUMBER: 34235
; REFERENCE/DOCKET NUMBER: 41769-FWC
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 523-3400
; TELEFAX: (617) 523-6440
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 146 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:
; US-08-231-894A-11

Query Match 98.6%; Score 776; DB 2; Length 146;
Best Local Similarity 98.6%; Pred. No. 2.2e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGSGAPPFGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE 60
Db 1 PALPEDGGSGAPPFGHFKDPKRLCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEE 60
QY 61 GVSIGKVCANRYLAMKEDGRLASKCVTDCFFERLESNNNTYRSRYSSWYVALKR 120
Db 61 GVSIGKVCANRYLAMKEDGRLASKCVTDCFFERLESNNNTYRSRYSSWYVALKR 120
QY 121 TGQYKLGPKTGPQKAILFLPMSAKS 146
Db 121 TGQYKLGPKTGPQKAILFLPMSAKS 146

RESULT 4

US-08-325-186-2
; Sequence 2, Application US/08325186
; Patent No. 6046164
; GENERAL INFORMATION:
; APPLICANT: ASANO, Taiji
; APPLICANT: SUGIMOTO, Hajime
; APPLICANT: TERASHIMA, AKIO
; APPLICANT: NAKANO, Yoshiko
; APPLICANT: AMAKAWA, Masahiro
; APPLICANT: SAGA, Katumasa
; TITLE OF INVENTION: THERAPEUTIC AGENT FOR DISEASES OF PERIODONTAL
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Armstrong, Westerman, Hattori, McLeeland &
; ADDRESSEE: Naughton
; STREET: 1725 K St. N.W. Suite 1000
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 in, 1.44Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS, Version 5.0

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; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 154 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-438-439C-24
;
Query Match 98.6%; Score 776; DB 2; Length 154;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0
;
QY 1 PALPDGGSGAAPPGGHFKDPKRYLCKNGGFFLRIHDPGRVDGVRKSDPHIKLQQAER 60
Db 9 PALPDGGSGAAPPGGHFKDPKRYLCKNGGFFLRIHDPGRVDGVRKSDPHIKLQQAER 68
QY 61 GVVSIKGVCANRYLANKEDGRLLASKCVTDCECFERLESNNNTYRSRKYSSWYVALKR 120
Db 69 GVVSIKGVCANRYLANKEDGRLLASKCVTDCECFERLESNNNTYRSRKYSSWYVALKR 128
QY 121 TGQYKLGPKTGPQOKAILFLPMSAKS 146
Db 129 TGQYKLGSKTGPQOKAILFLPMSAKS 154
;
RESULT 6
US-08-325-186-1
; Sequence 1, Application US/08325186
; Patent No. 6046164
; GENERAL INFORMATION:
; APPLICANT: ASANO, Taiji
; APPLICANT: SUGIMOTO, Hajime
; APPLICANT: TERASHIMA, Akio
; APPLICANT: NAKANO, Yoshiko
; APPLICANT: AMAKAWA, Masahiro
; APPLICANT: SAGA, Katumasa
; TITLE OF INVENTION: THERAPEUTIC AGENT FOR DISEASES OF PERIODONTAL
; TITLE OF INVENTION: TISSUE
; NUMBER OF SEQUENCES: 2
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Armstrong, Westerman, Hattori, McLealand &
; STREET: 1725 K St. N.W. Suite 1000
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20006
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.5 in, 1.44Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS, Version 5.0
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/325,186
; FILING DATE: 24-MAY-95
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/JP93/01211
; FILING DATE: 25-AUG-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Stevens-Smith, Theresa M.
; REGISTRATION NUMBER: 36,281
; REFERENCE/DOCKET NUMBER: 950319
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 659-2930
; TELEFAX: (202) 887-0357
; TELEX: 440142
; INFORMATION FOR SEQ ID NO: 1:

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;; SEQUENCE CHARACTERISTICS:
; LENGTH: 154
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-325-186-1

Query Match 98.6%; Score 776; DB 3; Length 154;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGSGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVRKSDPHIKLQAEER 60
Db |||||
QY 61 GVSIKGVCANRYLAMKEDGRLLASKCVTDECFFERLESNNYNTYRSRKYSSWYVALKR 120
Db |||||
QY 121 TQYKLGPKTGPQKAILFLPMSAKS 146
Db |||||
QY 129 TQYKLGSKTGPQKAILFLPMSAKS 154

RESULT 7
PCT-US91-02186-6
; Sequence 6, Application PC/TUS9102186
; GENERAL INFORMATION:
; APPLICANT: California Biotechnology Inc.
; APPLICANT: Inventors: Thompson, Stewart A.
; APPLICANT: Abraham, Judith A.
; TITLE OF INVENTION: High Level Expression of Basic
; TITLE OF INVENTION: Fibroblast Growth Factor Having a Homogeneous
; TITLE OF INVENTION: N-terminus
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Irell & Manella
; STREET: 545 Middlefield Road, Suite 200
; CITY: Menlo Park
; STATE: California
; COUNTRY: USA
; ZIP: 94025-3471
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: PCT/US91/02186
; FILING DATE: 19910702
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Murashige, Kate H.
; REGISTRATION NUMBER: 29,959
; REFERENCE/DOCKET NUMBER: 1900-0275.41
; TELEPHONE: 415-327-7250
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 154 amino acids
; TYPE: AMINO ACID
; TOPOLOGY: linear
; MOLECULE TYPE: protein
PCT-US91-02186-6

Query Match 98.6%; Score 776; DB 5; Length 154;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
QY 1 PALPEDGSGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVRKSDPHIKLQAEER 60
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Db 9 PALPEDGSGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVRKSDPHIKLQAEER 68
QY 61 GVSIKGVCANRYLAMKEDGRLLASKCVTDECFFERLESNNYNTYRSRKYSSWYVALKR 120
Db |||||
QY 69 GVSIKGVCANRYLAMKEDGRLLASKCVTDECFFERLESNNYNTYRSRKYSSWYVALKR 128
QY 121 TQYKLGPKTGPQKAILFLPMSAKS 146
Db |||||
QY 129 TQYKLGSKTGPQKAILFLPMSAKS 154

RESULT 8
US-07-959-369-6
; Sequence 6, Application US/07959369
; Patent No. 5302701
; GENERAL INFORMATION:
; APPLICANT: Hidetaka HASHI et al.
; TITLE OF INVENTION: No. 5302701el Functional Polypeptide
; NUMBER OF SEQUENCES: 23
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Wenderoth, Lind & Ponack
; STREET: 805 Fifteenth Street, N.W., #700
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 Inch, 500 kb
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: MS-DOS
; SOFTWARE: Wordperfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/959,369
; FILING DATE: 19921013
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warren M. Cheek, Jr.
; REGISTRATION NUMBER: 33,367
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-8850
; TELEFAX:
; TELEX:
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: AMINO ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: polypeptide
; HYPOTHETICAL:
; ANTI-SENSE:
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; ORGANISM:
; STRAIN:
; INDIVIDUAL ISOLATE:
; DEVELOPMENTAL STAGE:
; HAPLOTYPE:
; TISSUE TYPE:
; CELL TYPE:
; CELL LINE:
; ORGANELLE:
; IMMEDIATE SOURCE:
; LIBRARY:
; CLONE:
; POSITION IN GENOME:
; CHROMOSOME/SEGMENT:
; MAP POSITION:
; UNITS:

FEATURE:

NAME/KEY:

LOCATION:

IDENTIFICATION METHOD:

OTHER INFORMATION:

PUBLICATION INFORMATION:

AUTHORS:

TITLE:

JOURNAL:

VOLUME:

ISSUE:

PAGES:

DATE:

DOCUMENT NUMBER:

FILING DATE:

PUBLICATION DATE:

RELEVANT RESIDUES IN SEQ ID NO:

US-07-959-369-6

Query Match

Best Local Similarity 98.6%; Score 776; DB 1; Length 155;

Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEEER 60

Db 10 PALPEDGGGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEEER 69

QY 61 GVSISKGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 120

Db 70 GVSISKGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 129

QY 121 TGOYKLGPKTGPCKKAILFLPMSAKS 146

Db 130 TGOYKLGSKTGPCKKAILFLPMSAKS 155

RESULT 9

US-08-023-757-2

Sequence 2, Application US/08023757

Patent No. 5302702

GENERAL INFORMATION:

APPLICANT: Seddon Dr., Andrew P.

APPLICANT: Bohlen Dr., Peter

APPLICANT: Gluzman Dr., Yakov

TITLE OF INVENTION: Chimeric Fibroblast Growth Factors

NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:

ADDRESSEE: American Cyanamid Company

STREET: 1937 West Main Street, P. O. Box 60

CITY: Stamford,

STATE: CT

COUNTRY: USA

ZIP: 06904-0060

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/08/023,757

FILING DATE: 26-FEB-1993

CLASSIFICATION: 530

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/07/615,202

FILING DATE: 23-NOV-1990

ATTORNEY/AGENT INFORMATION:

NAME: Tsevdos Dr., Estelle J.

REGISTRATION NUMBER: 31,145

REFERENCE/DOCKET NUMBER: 31,219-00

TELECOMMUNICATION INFORMATION:

TELEPHONE: 203-321-2756

TELEFAX: 203-321-2971

TELEX: 710-474-4059

INFORMATION FOR SEQ ID NO: 2:

SEQUENCE CHARACTERISTICS:

LENGTH: 155 amino acids

TYPE: amino acid

TOPOLOGY: linear

MOLECULE TYPE: protein

US-08-023-757-2

Query Match

Best Local Similarity 98.6%; Score 776; DB 1; Length 155;

Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEEER 60

Db 10 PALPEDGGGAFPPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAEEER 69

QY 61 GVSISKGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 120

Db 70 GVSISKGVCANRYLAMKEDGRLLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 129

QY 121 TGOYKLGPKTGPCKKAILFLPMSAKS 146

Db 130 TGOYKLGSKTGPCKKAILFLPMSAKS 155

RESULT 10

US-07-842-177A-1

Sequence 1, Application US/07842177A

Patent No. 5348863

GENERAL INFORMATION:

APPLICANT: MONSANTO, PIERRE

APPLICANT: PAUL, FRANCOIS

APPLICANT: BETBEDER, DIDIER

APPLICANT: SARMIENOS, PAOLO

TITLE OF INVENTION: PROCESS FOR THE ENZYMATIC PREPARATION OF

NUMBER OF SEQUENCES: 6

CORRESPONDENCE ADDRESS:

ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,

STREET: 1755 Jefferson Davis Highway, Suite 400

CITY: Arlington

STATE: Virginia

COUNTRY: U.S.A.

ZIP: 22202

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

OPERATING SYSTEM: IBM PC compatible

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/07/842,177A

FILING DATE: 19920402

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: GB 9017008.5

FILING DATE: 02-AUG-1990

ATTORNEY/AGENT INFORMATION:

NAME: Oblon, No. 5348863man F.

REGISTRATION NUMBER: 24,618

REFERENCE/DOCKET NUMBER: 769-263-0 PCT

TELECOMMUNICATION INFORMATION:

TELEPHONE: (703) 521-4500

TELEFAX: (703) 486-2347

TELEX: 248855 OPAT UR

INFORMATION FOR SEQ ID NO: 1:

SEQUENCE CHARACTERISTICS:

LENGTH: 155 amino acids

TYPE: AMINO ACID

STRANDEDNESS: single

TOPOLOGY: linear

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; MOLECULE TYPE: protein
US-07-842-177A-1

Query Match          98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 60
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Db 10 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 69

QY 61 GVSISIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 120
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Db 70 GVSISIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 129

QY 121 TGQYKLGPKTGGQKAILFLPMSAKS 146
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Db 130 TGQYKLGSKTGGQKAILFLPMSAKS 155

RESULT 11
US-08-177-502-2
; Sequence 2, Application US/08177502
; Patent No. 5371206
; GENERAL INFORMATION:
; APPLICANT: Seddon Dr., Andrew P.
; APPLICANT: Bohlen Dr., Peter
; APPLICANT: Gluzman Dr., Yakov
; TITLE OF INVENTION: Chimeric Fibroblast Growth Factors
; NUMBER OF SEQUENCES: 8
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: American Cyanamid Company
; STREET: 1937 West Main Street, P. O. Box 60
; CITY: Stamford,
; STATE: CT
; COUNTRY: USA
; ZIP: 06904-0060
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/177,502
; FILING DATE: 05-JAN-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/023,757
; FILING DATE: 26-FEB-1993
; APPLICATION NUMBER: US/07/615,202
; FILING DATE: 23-NOV-1990
; ATTORNEY/AGENT INFORMATION:
; NAME: Tsevdos Dr., Estelle J.
; REGISTRATION NUMBER: 31,145
; REFERENCE/DOCKET NUMBER: 31,219-00
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 203-321-2756
; TELEFAX: 203-321-2971
; TELEX: 710-474-4059
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-177-502-2

Query Match          98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 60
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Db 10 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 69

QY 61 GVSISIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 120
    |||||
Db 70 GVSISIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 129

QY 121 TGQYKLGPKTGGQKAILFLPMSAKS 146
    |||||
Db 130 TGQYKLGSKTGGQKAILFLPMSAKS 155

RESULT 12
US-08-439-725A-10
; Sequence 10, Application US/08439725A
; Patent No. 5693775
; GENERAL INFORMATION:
; APPLICANT: Nathans, Jeremy
; APPLICANT: Smallwood, Philip M.
; APPLICANT: Macke, Jennifer P.
; TITLE OF INVENTION: FIBROBLAST GROWTH FACTOR HOMOLOGOUS
; TITLE OF INVENTION: FACTOR-1 (FHF-1) AND METHODS OF USE
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/439,725A
; FILING DATE: 12-MAY-1995
; CLASSIFICATION: 424
; ATTORNEY/AGENT INFORMATION:
; NAME: Halle, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/047001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 617/678-5099
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 155 amino acids
; TYPE: amino acid
; STRANDEDNESS: not relevant
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-439-725A-10

Query Match          98.6%; Score 776; DB 1; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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    |||||
Db 10 PALPEDGGGGAFFPGHFKDPKRLYCKNGGFFLRHPDGRVDGVREKSDPHIKLQQAER 69

QY 61 GVSISIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 120
    |||||
Db 70 GVSISIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNYNTYRSRKYSSWYVALKR 129

QY 121 TGQYKLGPKTGGQKAILFLPMSAKS 146
    |||||
Db 130 TGQYKLGSKTGGQKAILFLPMSAKS 155
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STATE: CA
COUNTRY: USA
ZIP: 92037
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/867,471
FILING DATE: 02-JUN-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/439,725
FILING DATE: 12-MAY-1995
ATTORNEY/AGENT INFORMATION:
NAME: Haile, Lisa A.
REGISTRATION NUMBER: 38,347
REFERENCE/DOCKET NUMBER: 07265/047001
TELECOMMUNICATION INFORMATION:
TELEPHONE: 619/678-5070
TELEFAX: 617/678-5099
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 155 amino acids
TYPE: amino acid
STRANDEDNESS: not relevant
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-867-471-10

Query Match 98.6%; Score 776; DB 2; Length 155;
Best Local Similarity 98.6%; Pred. No. 2.4e-82;
Matches 144; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

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QY	61	GVWSIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNNTYRSRYSSWYVALKR	120
Db	70	GVWSIKGVCANRYLAMKEDGRLASKCVTDECFERLESNNNTYRSRYSSWYVALKR	129
QY	121	TGQYKLGPKTGPQKAILFLPMSAKS	146
Db	130	TGQYKLGSKTGPQKAILFLPMSAKS	155

Search completed: February 11, 2002, 08:55:24
Job time: 41 sec